sher	ISBN -	ISBN - 0030735467		Publisher - Holt, Rinehart and Winston, a division of Harcourt, Inc.					ivision of	
Publisher	Modern Chemistry, Student Edition									
/ the	Type -	· P1	mond Davis, Regina Frey, Arlyne Sarquis, Jerry Sarquis					[,] Sarquis		
Provided by the	Copyr	ight - 2006	06 Readabili			ility - 11.8 with technical words				
rovid	Course - Physical Science						e(s) - 9, 10, 11, 12			
<u>_</u>	Teacher Edition ISBN if applicable					0030735475				
Overall Recommendation: Overall Strengths, Weaknesses, Comments: The text appears to be a very comprehensive resource for a high school shemistry.										
	The text appears to be a very comprehensive resource for a high school chemistry class. There were no glaring weaknesses upon review. The text is well structured and teacher friendly.									
CRITERIA This basal resource										
Δ	A. Encompasses KY Content Standards & Grade Level Expectations Strong Evidence Moderate Evidence Little or No Evidence					e Evidence				
		☐ Text is d	esigned to be	used in an elec	ctive	course	outside	the Program o	of Studies	
	1) Inc	ludes the 7 Bi	g Ideas of sc	ience to the fo	llow	ing exte	ent:			
	a) Structure and Transformation		n of Matter			Stror	ng 🔲 Moderate	e 🗌 Little 🔲 N/A		
	b)	Motion and Fo	orces				Stror	ng 🔲 Moderate	e ☐ Little ⊠ N/A	
	c) The Earth and the Universd) Unity and Diversity					☐ Strong ☐ Moderate ☐ Little ☒ N/A ☐ Strong ☐ Moderate ☐ Little ☒ N/A				
	e)	Biological Cha	•				Stror	ng	e ☐ Little ⊠ N/A	
	f)	Energy Transf								
	g)	Interdepender							e ☐ Little ⊠ N/A	
	2) Addresses content-specific enduring understandings from the related Program of Studies standards.				ıdies	Strong ☐ Moderate ☐ Little ☐ N/A				
3) Addresses content-specific skills and concepts from the related Program of Studies standards.					from	Stror	ng 🔲 Moderate	e ☐ Little ☐ N/A		

 Content addressed is current, relevant and non- trivial 	Strong ☐ Moderate ☐ Little ☐ N/A						
5) Provides opportunities for critical thinking/reasoning	Strong ☐ Moderate ☐ Little ☐ N/A						
 6) Strengths, Weaknesses, Comments: Specific strengths-which areas/concepts are covered exceptionally well? Specific weaknesses-which areas/concepts would likely require supplementing? 							
The introduction to the teacher edition has pages that relate directly to the CCA and POS by standard. Content from the text seems to be of an appropriate level and complexity. Content in this chemistry text is comprehensive.							
B. Functionality & Suitability	Strong Evidence Moderate Evidence Little or No Evidence						
1) Suitability	Strong Moderate Little N/A						
 Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind. 							
2) Content quality	Strong ☐ Moderate ☐ Little ☐ N/A						
 Free from factual errors Content is presented conceptually when possible—more than a mere collection of facts Content included accurately represents the knowledge base of the discipline Theories/scientific models contained represent a broad consensus of the scientific community 							
3) Connections to Literacy Note: may apply to either student or teacher editions							
 Employs a variety of reading levels and is grade/level appropriate Contains pre, during, post reading activities Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concept at multiple levels of difficulty for a variety of learning styles. Student text provides opportunity to integrate reading and writing Uses vocabulary that is age and content appropriate Focuses on critical vocabulary vs. extensive lists Identifies key vocabulary through definitions in both text and glossary Engaging text- does the text facilitate learning? Does understanding the text require having performed the imbedded activities? 							
4) Connections to Technology							
 Integrates technology and reflects the impact of technological advances Uses technology in the collection and/or manipulation of authentic data 							
5) Support for Diverse Learners	☐ Strong ☑ Moderate ☐ Little						

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms Note: may apply only to teacher edition

6) Strengths, Weaknesses, Comments:

 Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Activities are deferientiated into Beginner, General, and Advanced. A variety of literacy approaches are discussed and incorporated into the teaching strategies. While the connections to technology are only moderate in nature, technology can be incorporated into most activities. The teacher edition mentions accommodates for ELL students and includes resources for differentiated instruction.

C. Supports Inquiry and Skill Development	Strong Evidence Moderate Evidence Little or No Evidence		
1) Promotes Inquiry, research and Application of Learning	Strong		
 Provides opportunities for inquiry and research that includes activities such as self-selecting topics, formulating authentic questions, gathering information, researching resources, observing interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions. Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, etc.) Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills. Provides opportunities for application of learned concepts. Uses a variety of relevant charts, graphs, diagrams, time lines, and other illustrations to invite an motivate students to engage in discussion, problem solving, and other high-order thinking skills. Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning. Note: may apply to either teacher or student edition 			
2) Skill Development			
 Provides opportunities to make sense of data Provides opportunities for critical thinking and reasoning (analyze arguments, distinguish 			

- fact/opinion, recognize bias)Provides opportunities to examine a range of types of evidence
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving.

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

Inquiry activities are found in the text. The text provides students the opportunity to use higher-level cognitive skills (analysis, synthesis, evaluation, etc.). The text uses a variety of relevant charts, graphs, diagrams, time lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-

order thinking skills. There are a variety of activities associated with the structure of the text that support learning essential skills and content. These activities are related to concepts discussed in the text.				
D. Supports Best Practices of Teaching and Learning	Strong Evidence Moderate Evidence Little or No Evidence			
1) Engages Students	Strong			
 Includes content geared to the needs, interests, and abilities of students Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering. Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels Activities are truly congruent to the concepts addressed, not merely correlated <i>Note: may apply to either teacher or student edition</i> 				
2) Uses Assessment to Inform Instruction				
 Includes multiple means of assessment as an integral part of instruction Provides evaluation measures in the teacher edition that supports differentiated learning activities Embedded assessments reflect a variety of Depth of Knowledge levels Note: may apply to either teacher or student edition 				
 Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards 				
This text includes content that engages students and includes activities that assist students in seeing the relevance of concepts in their own lives. The text provides a variety of activities and strategies that enhance student learning. Multiple means of assessment are avialable and the embedded assessment is at a variety of DOK levels.				
E. Has an Organization/ Format that Supports Learning and Teaching	Strong Evidence Moderate Evidence Little or No Evidence			
1) Organizational Quality	Strong			

- Print and/or electronic materials present minimal barriers to learners
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives,

- space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively

 Uses grade-appropriate type size Included media are durable, easy to use and have technical merit Construction appears to be durable and able to withstand normal 	al use				
2) Essential Components (beyond student and teacher text)	Strong				
 Items identified as essential components support the learning goals and concept coverage of the basal 					
 3) Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards. 					
The organization of the text is logical and sequenced in an acceptable manner. The format of the text is consistant from chapter to chapter.					
F. Has available Ancillary/ Gratis Materials Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F	☐ Strong Evidence ☐ Moderate Evidence ☐ Little or No Evidence				

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving

2) Strengths, Weaknesses, Comments:

• Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

No ancillary/gratis materials were available for review.